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(57) Abstract:

PROBLEM TO BE SOLVED: To simplify circuit constitution, while keeping a function as a synthetic equipment by sharing encoding and/or decoding means of first, second recording or reproducing systems.

SOLUTION: When a magneto-optical disk (MO) 90 is recording operated or reproducing operated, a system controller 21 controls an operation mode, to execute encoding or decoding for respectively an EFM encoder/decoder 11, an ECC encoder/decoder 16, a sector encoder/decoder 17 and a sound compression encoder/decoder 19. On the other hand, when a compact disk (CD) 91 is reproduced, the system controller 21 controls the operation mode, so as to execute the decoding for respective the EFM encoder/decoder 11 and the ECC encoder/decoder 16. The signal processing systems are shared by the control of this system controller 21.

